

Part B- Major IPT Project

20 Marks

The second part of your project will consist of two sections. Part 1 will be a written report about your project and the second part will be the practical component of it. This will be your created database.

Part 1- Written report.

The following sections must be completed and presented in the form of a report relating back to your database.

1. Understanding the problem

The objective of this stage is to define the problem and decide whether a feasible solution exists. The problem must be understood in terms of the organization or why the database is being created.

These are the key questions to be answered:

- a) What are the problems with the existing system?
- b) How does the existing system work? An understanding of the operation of the existing system must be understood, that is, how it works, what it does, who uses it.
- c) How do you identify the problems with the existing system? What are these problems?
- d) How do you intend to fix the problem?
- e) What is the exact problem with the existing system?
- f) How does the new system compare with the old system?

A statement needs to be produced addressing the following information. This statement is about the purpose/requirements of the new information system. It includes the aims and objectives of the new system and how it will help the organization. It is based on the information collected from the participants and must address their concerns.

2. Making Decisions

This stage involves making decisions using the data gathered. There may be constraints or factors that affect the system and prevent it from reaching its goal.

A feasibility study must be completed. This is a short report that analyses potential solutions and makes a recommendation.

- a) problem definition- what is the exact nature of the problem
- b) requirement report- aims and objectives of the new system